

Application No. 10/084,356
Amdt. dated August 29, 2003
Reply to Office Action of July 29, 2003
Docket No. 8004-1003

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

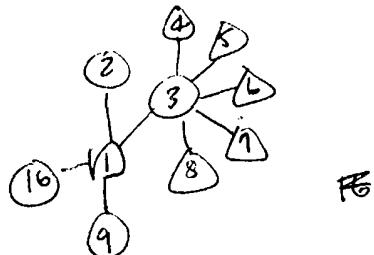
1. (original) A reflector for a reflection-type LCD device, comprising:

a roughened surface having a protrusion pattern; and the protrusion pattern giving inclination angle to the surface according to a specific distribution where a first component with an inclination angle value of 0° is 15% or less in area and a second component with an inclination angle value from 2° to 10° is 50% or greater in area.

2. (original) The reflector according to claim 1, wherein the specific distribution of the inclination angle values of the roughened surface has an average value within a range from 2° to 6° .

3. (original) The reflector according to claim 1, further comprising:

protrusions arranged in such a way that depressed areas are formed among adjoining ones of the protrusions;



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Amdt. dated August 29, 2003
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Docket No. 8004-1003

a first bumpy layer formed to cover the protrusions;,
and

a base layer of the reflector formed on the first
layer. Each of the depressed areas has a closed geometric shape;
wherein the first layer has a bumpiness generated by
the protrusions;

and wherein the base layer has a bumpiness
corresponding to the bumpiness of the first layer, thereby
forming the protrusion pattern of the surface of the reflector.

4. (original) The reflector according to claim 3,
wherein the closed geometric shape of each of the depressed areas
is like one selected from the group consisting of triangle,
rectangular, and ellipse.

5. (original) The reflector according to claim 3,
wherein each of the protrusions has a width **W** and a height **D**,
where the width **W** and the height **D** have a relationship of $0.5 \leq \frac{D}{W} \leq 1.0$.

6. (original) The reflector according to claim 3,
wherein the first bumpy layer has a minimum height **d** and the
protrusions have an inter-center distance **L**, where the minimum

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Amdt. dated August 29, 2003
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Docket No. 8004-1003

height **d** and the inter-center distance **L** have a relationship of
 $(1/20) \leq (d/L) \leq (1/5)$.

7. (original) The reflector according to claim 3,
wherein each of the protrusions has a height **D** and the first
bumpy layer has a minimum height **d**, where the height **D** and the
minimum height **d** have a relationship of $(D/d) \leq 3$.

8. (original) The reflector according to claim 3,
wherein the protrusions included in a single pixel have a single
maximum value of height.

9. - 15. (cancelled).

16. (previously presented) A reflection-type LCD device
comprising one of the reflectors according to claim 1.